



EDUCATION

| Year | Degree/Exam | Institute | CGPA/Marks |
|------|-------------------------------|-----------------------------------|------------|
| 2025 | M.TECH | IIT Kharagpur | 8.78 / 10 |
| 2019 | B.tech Mechanical Engineering | DIT University | 7.99 / 10 |
| 2014 | Higher Secondary | New St Stephen Public School Agra | 57% |
| 2012 | Secondary | Gen B C Joshi A P S Pithoragarh | 8.6 / 10 |

SKILLS AND EXPERTISE

Programming Language : Python | C | C++
Libraries :Pandas | Numpy | Matplotlib | Seaborn
Machine Learning : Supervised and Unsupervised Machine learning
Other Software : Matlab | AutoCad | Creo

COURSEWORK INFORMATION

Satellite Remote Sensing | Data Analytics for Earth System Science | Computational Method Simulation for Atmosphere and Ocean Dynamics
 Geophysical Fluid Dynamics | Fluid Mechanics | Compressible Fluid Dynamics
 Thermodynamics | Applied Thermodynamics ,Refrigeration and Air Conditioning , Psychrometry | Heat Transfer

PROJECTS

Design and fabrication of Transport mechanism (Material Handling System)
 The objective of this study is to design a mechanism that delivers this to and fro motion using the mechanical linkages. The advantage of this system over the conveyor system is that the system has a time delay between moving packages and this delay can be used to introduce any alterations in the package or move the package for any other purpose

Kinetic energy generation in heat engines and heat pumps: the relationship between surface pressure, and surface temperature
 The objective was to make the Mathematical /Thermodynamic Equation which can tell about the Energy Transfer thermal contraction and Expansion taking place in the Meridional Cell

This study will help to understand the importance of understanding surface pressure gradients as a necessary step towards predicting the cell energy and position/arrangement of meridional cells

Exploratory Data Analysis on Google Play Store Data Set
 Data Loading and Initial Exploration | Data Cleaning | Category-wise Analysis | Price Distribution | User Reviews | Top Charts | Correlation Analysis | Data Visualization | Outlier Detection | Conclusion and Insights

INTERNSHIPS

Uttarakhand Transport Cooperation (UTC)
Vechiel specification : 6- Cylinder Inline Turbo charged Diessel Engine
 Repairment of | Clutch Plate | Flywheel | Power Train (Gear-Box) | wheel Alignment | Suspension | Radiators | Fuel pump |

EXTRA CURRICULAR ACTIVITIES

Former NCC Cadet Served as a dedicated NCC Cadet in 80 UK NCC Battalion Demonstrated strong discipline and commitment through regular training sessions and effectively worked with team members to achieve collective goals, showcasing exceptional teamwork, leadership and communication skills.

Participated in the NCC Annual Training Camp .Completed comprehensive Drill training and Weapon Training with 0.22 Deluxe Riffle in the Firing Range showcasing Precision and Discipline,

Successfully passed the NCC 'A' Certificate examination

District-Level Basketball Player Represented Pithoragarh District as a player in 8th Uttarakhand Youth Basketball Championship organised by Uttarakhand Basketball Association Developed strong sportsmanship and leadership qualities during district-level competition.